

# FY03 DON Pilot Project Summary

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**Project Name:** Musculoskeletal Mobile Data Collection / Electronic Medical Record – (#469)

**Command:** BUMED – Naval Medical Center Portsmouth

**Functional Area Manager (FAM):** Medical

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## **Pilot Summary:**

This pilot initiative provides a secure wireless electronic platform (wireless handhelds and wireless Tablet PC's) that is used by staff physicians, medical residents, and interns to not only document direct patient care, but also provide a user-interface that integrates standardized medical templates for orthopedic procedures with proper medical coding to ensure the care provided substantiates the care billed. The Orthostar software is able to produce specific templates for orthopedic and sports medicine treatments, view patient records and medical histories, associate proper medical coding to the care provided, capture and transcribe physician notes, integrate with CHCS (and CHCS II when deployed), and collect data on a secure wireless platform for further analysis and research. The Bone & Joint / Sports Medicine Institute at NMCP will realize a 50% reduction in physician review time of patient history, 50% reduction in transcription services, and 50% reduction in administrative support man-hours for clinical documentation and patient processing.

## **Business Value Added:**

- Provides a complete and thorough documentation of services and procedures performed during a patient's episode of care in both the inpatient and outpatient environment
- Improves the accuracy and quality of coding in support of DoD efforts to transition from a cost-based all-inclusive billing system to one aligned with the methodology used in the civilian sector
- A measurable decrease in the need for transcription of operative notes.
- Increased Physician Relative Value Units (RVU's)
- Quality of patient care improved by more direct time spent with the patient on the primary complaint and electronic availability of patient history / medical record
- Captures the data necessary for analyzing and developing outcome measures that will lead to improved physician practice standards and clinical management guidelines

## **Other Considerations:**

- Orthostar software and templates are approved and certified by the American Academy of Orthopedic Surgeons (AAOS)
- Deploys a medical documentation program and process that meets or exceeds HIPAA and other healthcare or DoD / DON regulations for the protection of patient information from unauthorized use or access
- The Air Force (1<sup>st</sup> Medical Group at Langley AFB) has been communicating with the NMCP project team to learn about the project and develop a plan to deploy it in the Air Force medical community

## **Pilot Participants:**

- Naval Medical Center Portsmouth

## **Targeted Users:**

- Navy and Marine Corps physicians, personnel and their dependents